



4009 Macunart

Description

Cement based, fine, white, surface smoothing putty formulated for smoothing the uneven concrete and mineral surfaces, filling up the hair cracks and for covering interior and exterior surface defects.

Fields of Application

- For smoothing the uneven concrete and mineral surfaces, for filling up the hair cracks and for covering the surface defects due to removal of blistered old coating.

Properties

- Forms very strong, non-dusting and smooth surfaces, thus contributes to the appearance and the resistance of the top coat.
- Resistant to water and to moisture; when dampened, does not soften or does not weaken the adherence of the top coat to the substrate.
- Compared to gypsum panels and gypsum based materials, has higher durability and adherence strength therefore more resistant against cracking.
- Reduces paint consumption by decreasing the absorbency of the surface.
- Having high filling capacity, at most 2 layers will be sufficient to achieve a smooth surface. Easy to apply.
- Easy to sand, non-dusting.
- Does not prevent the water vapour permeability of the wall.

Application

- The substrate must be sound, dry, clean and free from all materials that may prevent good adhesion.
- The cracks larger than 3 mm should be repaired with Kalekim TAMIRART.
- The surface should be dampened before the application or should be primed with Kale SATEN ALÇI ASTARI for better result.
- 20 kg of MACUNART should be poured in 6.5-7.3 liters of clean water slowly; and mixed well until no lumps remain.
- Low speed mixer is recommended for mixing process.
- The mixture should be matured for 5 - 10 minutes, then mixed again before the application.
- The prepared mortar should be applied to the surface using a stainless steel trowel. If putty is to be applied more than one coat 2 - 3 hours should be passed between two coats. Total thickness of the putty should not exceed 3 mm.
- Occasional dampening of the surface is recommended within 2 days, starting from 6 - 12 hours after the application of putty.
- Consume the prepared mortar within 3 hours. Dispose of the mortar that exceeds the pot life.
- Do not add any additives, except the ones stated in the product application instructions.
- Ensure that the air and substrate temperature is above +5°C during the application and 24 hours following the application.
- The surface should be sanded when the mortar gets totally dry.
- The application should be held in between 5 - 35° C.

Storage

- Stack maximum 10 layers and store in dry conditions.

Packaging

- Available in 5 kg polyethylene and 20 kg multi-ply paper bags.

Certificates of Quality



TS EN 1504-3 (April 2008)



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Technical Properties

(at 23°C and 50% RH)

General Data

Appearance	White powder
Shelf Life	12 months when stored in the original sealed package

Application Data

Water Mixing Ratio	6.5-7.3 L water / 20 kg powder
Application Temperature Range	(+5°C) - (+35°C)
Pot Life	Min. 3 hours
Waiting Time Between the Coats	2-3 hours between coats. Lower temperatures and/or higher relative humidity will lengthen the drying process.
Application Tools	Stainless steel trowel.
Consumption	Depending on the evenness and the porosity of the surface approximately 0.5-1.0 kg for 1 mm application thickness. Application should be held in maximum 3 mm.

Performance Data

Compression Strength	≥ 10 N/mm ²
Bond Strength by Pull-Off	≥ 0.8 N/mm ²
Reaction to Fire (EN 13501-1)	A1